

Attachment 2: Excerpted Monitoring Report Pages from August 2007 through
December 2008.



South Orange County Wastewater Authority

September 27, 2007

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: AUGUST 2007 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

Five permit limits were exceeded at the South Coast Water District Groundwater Recovery Facility, monitoring location M-001F. The facility started preliminary test operations August 1, 2007. During this testing period, all RO brine, filter backwash, and product water was discharged to the San Juan Creek Ocean Outfall. The required monthly monitoring was performed on the discharge. The monthly average limits for suspended and settleable solids were both exceeded. All three turbidity limits were also exceeded. The South Coast Water District (SCWD) believes the sampling methodology used to collect the August monthly composite sample was in error. A review of the Groundwater Recovery System indicates that a more representative sample may be obtained from a standpipe which receives all of the component flows prior to discharge to the Chiquita Land Outfall. The August test results are substantially higher than the feed water from the source well. A sample station will be established at the standpipe where the flows are more homogeneous. SCWD has also indicated that they will conduct more frequent sampling during the month.

The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process has been extended to December 2007.

All bacterial objectives, except one total coliform single sample maximum, were exceeded at surfzone monitoring station C1. Single sample fecal coliform objectives were exceeded twice at S15 and once at S19. Single sample enterococcus objectives were exceeded once at S3 and six times at S15; the 30-day geometric mean objective was also exceeded at S15. These sites are located in or adjacent to large urban runoff channels. SOCWA's discharge from the outfall is not believed to be the cause of these exceedances. At no time during August was there any surface water at Upper San Juan Creek monitoring station C2.

Section V.A. calls for calculation of a 30-day geometric mean using the five most recent samples from each surfzone monitoring site. Because Order R9-2006-0054 requires more frequent monitoring of the surfzone, all values for the month, for each site, were used to calculate the 30-day mean.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

34156 Del Obispo Street • Dana Point, CA 92629 • Phone: (949) 234-5400 • Fax: (949) 489-0130 • Website: www.socwa.com

A public agency created by: CITY OF LAGUNA BEACH • CITY OF SAN CLEMENTE • CITY OF SAN JUAN CAPISTRANO • EL TORO WATER DISTRICT • EMERALD BAY SERVICE DISTRICT
IRVINE RANCH WATER DISTRICT • MOULTON NIGUEL WATER DISTRICT • SANTA MARGARITA WATER DISTRICT • SOUTH COAST WATER DISTRICT • TRABUCO CANYON WATER DISTRICT

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: August 2007

ANALYZED BY: Sierra Analytical

REPORT DUE: October 01 2007

AMPLE SOURCE: SCWD GRF Brine/Backwash/Product

SAMPLE POINT: M-001F

	Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
Sample Type		24-HC	24-HC	Grab	Grab	Grab
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
Aug-01	1.14					
Aug-02	1.14					
Aug-03	1.14					
Aug-04	1.14					
Aug-05	1.14					
Aug-06	1.14					
Aug-07	1.14					
Aug-08	1.14					
Aug-09	1.14					
Aug-10	1.14					
Aug-11	1.14					
Aug-12	1.14					
Aug-13	1.14					
Aug-14	1.14					
Aug-15	1.14					
Aug-16	1.14					
Aug-17	1.14					
Aug-18	1.14					
Aug-19	1.14					
Aug-20	1.14					
Aug-21	1.14					
Aug-22	1.14					
Aug-23	1.14	119	260			
Aug-24	1.14			2.90	7.06	1.4
Aug-25	1.14					
Aug-26	1.14					
Aug-27	1.14					
Aug-28	1.14					
Aug-29	1.14					
Aug-30	1.14					
Aug-31	1.14					
Monthly Average	1.14	119	260	2.90	7.06	1.4

Comments: The facility began start-up operations with all RO Brine, filter backwash, and product water being discharged to the SJCOO.



South Orange County Wastewater Authority

October 29, 2007

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: SEPTEMBER 2007 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054, NPDES NO. CA0107417

Dear Mr. Robertus:

There were six exceedences of Order R9-2006-0054 effluent limits during October.

One settleable solids analysis at the Santa Margarita Water District Chiquita Water Reclamation Plant, monitoring location M-001B, had a value of 4.0ml/L; the instantaneous maximum limit is 3.0ml/L. Bob Jordan, Water Quality Manager for SMWD, notified Joann Cofrancesco of the violation on September 19th; the cause of the high result is unknown.

Five permit limits were exceeded at the South Coast Water District Groundwater Recovery Facility, monitoring location M-001F. The facility discharged RO brine, filter backwash, and product water to the San Juan Creek Ocean Outfall. The monitoring results from the facility exceed the settleable solids instantaneous limit, and the weekly and monthly average settleable solids and turbidity limits. Since the samples were collected, SCWD has redesigned the sampling location in order to obtain what they believe will be samples more representative of the discharge. The plant has been off-line since the change to the sampling location.

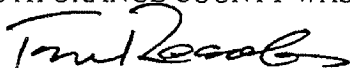
The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process is December 2007.

All bacterial objectives, except one total coliform single sample maximum, were exceeded at surfzone monitoring station C1. The C2 site was dry for the first three weeks of monitoring; two samples collected the last week of the month exceeded all bacterial objectives. Single sample fecal coliform objectives were exceeded S0, S1, S2, S3 and S5. Single sample enterococcus objectives were exceeded at S0, S1, S2, S3, S5, S7, S9, S11, and S15; the 30-day geometric mean objective was also exceeded at S15. These sites are located in or adjacent to urban runoff channels. SOCWA's discharge from the outfall is not believed to be the cause of these exceedences.

Section V.A. calls for calculation of a 30-day geometric mean using the five most recent samples from each surfzone monitoring site. Because Order R9-2006-0054 requires more frequent monitoring of the surfzone, all values for the month, for each site, were used to calculate the 30-day mean.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

34156 Del Obispo Street • Dana Point, CA 92629 • Phone: (949) 234-5400 • Fax: (949) 489-0130 • Website: www.socwa.com

A public agency created by: CITY OF LAGUNA BEACH • CITY OF SAN CLEMENTE • CITY OF SAN JUAN CAPISTRANO • EL TORO WATER DISTRICT • EMERALD BAY SERVICE DISTRICT
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South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: September 2007

ANALYZED BY: Sierra Analytical

REPORT DUE: November 01 2007

AMPLE SOURCE: SCWD GRF Brine/Backwash/Product

SAMPLE POINT: M-001F

	Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
Sample Type		24-HC	24-HC	Grab	Grab	Grab
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
Sep-01	1.14					
Sep-02	1.14					
Sep-03	1.14					
Sep-04	1.14					
Sep-05	1.14					
Sep-06	1.14					
Sep-07	1.14					
Sep-08	1.14					
Sep-09	1.14					
Sep-10	1.14					
Sep-11	0.90					
Sep-12	1.14					
Sep-13	0.33					
Sep-14	0.00					
Sep-15	0.00					
Sep-16	0.00					
Sep-17	0.57					
Sep-18	1.14					
Sep-19	1.14					
Sep-20	1.14					
Sep-21	1.14					
Sep-22	1.14					
Sep-23	1.14					
Sep-24	1.14					
Sep-25	0.46					
Sep-26	0.79	73.0	204			
Sep-27	1.14	35.0	141	2.6	7.11	3.2
Sep-28	0.94					
Sep-29	0.94			1.4		0.2
Sep-30	0.94			<2.0	7.42	<0.1
Monthly Average	0.92	54.00	173	1.33	7.27	1.1

Comments: The facility is discharging RO Brine, filter backwash, and product water to the SJCOO.



South Orange County Wastewater Authority

2007 NOV 30 4 51 PM
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

November 27, 2007

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: OCTOBER 2007 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There was one exceedence of Order R9-2006-0054 effluent limits during October.

All three total suspended solids analyses performed on the South Coast Water District Groundwater Recovery Facility 24-hour composite effluent exceeded the monthly average limit of 60 mg/L. The facility discharged RO brine, filter backwash, and product water to the San Juan Creek Ocean Outfall.

The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process is December 2007.

The total coliform single sample maximum objective was exceeded once at surfzone monitoring site S1 and six times at C1. The 30-day mean total coliform objective was exceeded at C1 and C2. The fecal coliform single sample maximum objective was exceeded once at surfzone monitoring sites S2, S17 and C2, twice at S0 and S15, and ten times at C1. The 30-day mean fecal coliform objective was exceeded at C1 and C2. The enterococcus single sample maximum objective was exceeded once at surfzone monitoring sites S3 and S9, twice at S1, S9, and S17, three times at S2, S13, and C2, four times at S0, seven times at S15, and ten times at C1. The 30-day mean enterococcus objective was exceeded at S0, S2, S13, S15, C1, and C2. Upper San Juan Creek was dry for the seven of the ten sampling days in October, so only three samples were collected at C2. These sites are located in or adjacent to urban runoff channels. SOCWA's discharge from the outfall is not believed to be the cause of these exceedances.

Section V.A. calls for calculation of a 30-day geometric mean using the five most recent samples from each surfzone monitoring site. Because Order R9-2006-0054 requires more frequent monitoring of the surfzone, all values for the month, for each site, were used to calculate the 30-day mean.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

MRP R9-2006-0054 MONTHLY MONITORING REPORT

Page 12 of 34

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: October 2007

ANALYZED BY: Sierra Analytical

REPORT DUE: 1-Dec-07

AMPLE SOURCE: SCWD GRF Brine/Backwash/Product

SAMPLE POINT: M-001F

Sample Type	Method Units	Flow Meter MGD	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
			24-HC	24-HC	Grab	Grab	Grab
			EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit			60	75	25	6.0 to 9.0	1.0
Oct-01		1.14			1.6	6.84	0.3
Oct-02		0.81					
Oct-03		0.00					
Oct-04		0.71					
Oct-05		1.14					
Oct-06		0.43					
Oct-07		0.00					
Oct-08		0.29					
Oct-09		0.00					
Oct-10		0.14					
Oct-11		0.00					
Oct-12		0.10					
Oct-13		0.00					
Oct-14		0.00					
Oct-15		0.00					
Oct-16		0.00					
Oct-17		0.00					
Oct-18		0.00					
Oct-19		0.00					
Oct-20		0.00					
Oct-21		0.00					
Oct-22		0.00					
Oct-23		0.00					
Oct-24		0.00					
Oct-25		0.67					
Oct-26		0.71					
Oct-27		0.00					
Oct-28		0.00					
Oct-29		0.71	66.0	21.2	<1.00	6.94	<0.1
Oct-30		0.67	85.0	150.0			
Oct-31		0.76	62.0	53	<1.00	7.05	<0.1
Monthly Average		0.27	71.0	74.9	0.53	6.94	0.10

Comments: The facility began start-up operations with all RO Brine, filter backwash, and product water being discharged to the SJCOO.

11/30/2007



South Orange County Wastewater Authority

December 27, 2007

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100.
San Diego, CA. 92123

SUBJECT: NOVEMBER 2007 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054, NPDES NO. CA0107417

Dear Mr. Robertus:

There were ten exceedences of Order R9-2006-0054 effluent limits during November 2007.

The discharge at site M-001F, the South Coast Water District Groundwater Recovery Facility, exceeded the monthly average total suspended solids limit of 60 mg/L. One of two turbidity results exceeded the instantaneous maximum limit, causing the weekly and monthly average turbidity limits to also be exceeded.

Three settleable solids results exceeded the instantaneous maximum limit at discharge site M-001D, the City of San Clemente RP; these high values caused 2 weekly average and one monthly average limit exceedences.

The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process has been pushed back to March 2008.

The total coliform single sample maximum objective was exceeded twice at surfzone monitoring site C1; the 30-day mean total coliform objective was exceeded at C1 and C2. The fecal coliform single sample maximum objective was exceeded once at surfzone monitoring sites S2 and S19, twice at C2, and four times at C1. The 30-day mean fecal coliform objective was exceeded at S15, C1 and C2. One or both of the enterococcus bacterial objectives were exceeded at least once at all sites except S4, S6, and S23. Upper San Juan Creek was dry for two of the four sampling days in November. SOCWA's discharge from the outfall is not believed to be the cause of these exceedences.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Michael J. Wilson
Michael J. Wilson
Assistant General Manager

2007 DEC 31 P 1 34
SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: November 2007

ANALYZED BY: Sierra Analytical

REPORT DUE: January 10, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash/Product

SAMPLE POINT: M-001F

		Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
Sample Type			24-HC	24-HC	Grab	Grab	Grab
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L	
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0	
Nov-01	0.71						
Nov-02	0.28						
Nov-03							
Nov-04							
Nov-05	0.61						
Nov-06	0.56						
Nov-07	0.56						
Nov-08	1.13						
Nov-09	0.71	54.0	56.5	0	7.26	0	
Nov-10							
Nov-11							
Nov-12							
Nov-13	0.65						
Nov-14	1.13						
Nov-15	1.13						
Nov-16	0.71						
Nov-17							
Nov-18							
Nov-19	0.56						
Nov-20							
Nov-21	0.61	124	273	1.3	7.18	0	
Nov-22							
Nov-23							
Nov-24							
Nov-25							
Nov-26	0.61						
Nov-27							
Nov-28	0.33	15.7	29.6				
Nov-29							
Nov-30							
Monthly Average	0.69	65	120	0.65	7.22	0.00	

Comments: The facility is in start-up operations with all RO Brine, filter backwash, and product water being discharged to the SJCOO.



South Orange County Wastewater Authority

January 24, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: DECEMBER 2007 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054, NPDES NO. CA0107417

Dear Mr. Robertus:

There were five exceedances of Order R9-2006-0054 effluent limits during December 2007.

The maximum daily Chronic Toxicity limit was exceeded at discharge site M-001 on December 10, 2007. SOCWA was not notified of the exceedance by the contract laboratory performing the analysis until January 15th. The regular monthly toxicity sample for January was sent on 1/14/08; a second sample, as required in the NPDES permit, was sent on 1/22/08.


There were four limits exceeded at discharge site M-001F, the South Coast Water District Groundwater Recovery Facility. The monthly average total suspended solids limit and instantaneous maximum, weekly average and monthly average turbidity limits were exceeded.

The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process is March 2008.

The total coliform single sample maximum objective was exceeded at C1; the 30-day geometric mean objective was exceeded at both C1 and C2. The fecal coliform single sample maximum was exceeded at surfzone sites S2, C1, and C2; C1 and C2 also exceeded the 30-day geometric mean objective. The enterococcus daily maximum and 30-day geometric mean objectives were exceeded at S0, S1, S2, S3, S5, S7, S15, S17, C1 and C2. There were several days of heavy rainfall during December which increased urban runoff to the monitoring sites. SOCWA's discharge from the outfall is not believed to be the cause of these exceedances.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

NPDES No. CA0107417
SAMPLED BY: Operator
ANALYZED BY: Sierra Analytical
SAMPLE POINT: M-001F

		Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids	
Sample Type	Flow	24-HC	24-HC	Grab	Grab	Grab	
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L	
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0	
	Dec-01						
	Dec-02						
	Dec-03	0.23					
	Dec-04	0.23					
	Dec-05	0.23					
	Dec-06	0.23					
	Dec-07	0.23					
	Dec-08						
	Dec-09						
	Dec-10	0.23					
	Dec-11	0.23					
	Dec-12						
	Dec-13						
	Dec-14	0.05					
	Dec-15						
	Dec-16						
	Dec-17	0.08					
	Dec-18	0.23					
	Dec-19	0.23					
	Dec-20	0.23					
	Dec-21	0.23	114.0	393	0	6.47	0.8
	Dec-22						
	Dec-23						
	Dec-24						
	Dec-25						
	Dec-26	0.23					
	Dec-27	0.23					
	Dec-28	0.23					
	Dec-29						
	Dec-30						
	Dec-31						
Monthly Average	0.21	114.0	393	0	6.47	0.8	

Comments:



South Orange County Wastewater Authority

February 27, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: JANUARY 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There were two monitoring violations of Order R9-2006-0054 during January 2008.

In response to the Chronic Toxicity limit exceedance at site M-001 on December 10, 2007, two samples were collected and analyzed in January. The results of both samples were within acceptable limits and included in this report. Regular monthly testing was resumed in February.


There were two monitoring violations at discharge site M-001F, the South Coast Water District Groundwater Recovery Facility during January 2008. The total suspended solids and turbidity concentrations could not be determined due to inadequate sampling and analyses. All of the component flow streams which contribute to the total brine effluent were not analyzed concurrently making it impossible to provide flow weighted averages for these constituents.

The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process is March 2008.

The total coliform single sample maximum objective was exceeded at C1; the 30-day geometric mean objective was exceeded at both C1 and C2. The fecal coliform single sample maximum was exceeded at surfzone sites S0, S2, S17, C1, and C2; S0, S2, C1 and C2 also exceeded the 30-day geometric mean objective. The enterococcus daily maximum and 30-day geometric mean objectives were exceeded at all sites except S6, S21, and S23. There were several days of heavy rainfall during January which increased urban runoff to the monitoring sites. SOCWA's discharge from the outfall is not believed to be the cause of these exceedances.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: Operator

REPORT FOR: January 2008

ANALYZED BY: Lab

REPORT DUE: February 10, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash

SAMPLE POINT: M-001F

Sample Type	Flow	Suspended		Oil & Grease	pH	Settleable
		Solids	Turbidity			
		24-HC	24-HC	Grab	Grab	Solids
Method	Meter	EPA 160.2	EPA 180.1	EPA 413.1	EPA 150.1	EPA 160.5
Units	MGD	mg/L	NTU	mg/L	Standard Units	ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
Jan-01						
Jan-02	0.08					
Jan-03	0.08					
Jan-04	0.08					
Jan-05						
Jan-06						
Jan-07	0.08			1.4	6.92	0.2
Jan-08						
Jan-09	0.08					
Jan-10	0.08					
Jan-11	0.08					
Jan-12						
Jan-13						
Jan-14	0.08					
Jan-15						
Jan-16	0.08					
Jan-17	0.08					
Jan-18	0.08					
Jan-19						
Jan-20						
Jan-21	0.08					
Jan-22	0.08					
Jan-23	0.08			1.4	6.74	0.15
Jan-24	0.08					
Jan-25	0.08					
Jan-26						
Jan-27						
Jan-28	0.08					
Jan-29	0.08					
Jan-30	0.007			1.3	6.87	0.1
Jan-31	0.08					
Monthly Average	0.08			1.37	6.84	0.15

Comments: The facility is in start-up operations with all RO Brine, and filter backwash water being discharged to the SJCOO. The facility is running 8 hrs a day, five days a week.

We are working with the Engineers to find a solution to the high levels of TSS and Turbidity

* We collected component parts, for January, but do not have a single daily composite for this month.

We can provide grab samples data for suspended solids and turbidity for various days.

800216212



South Orange County Wastewater Authority

March 24, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: FEBRUARY 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054, NPDES NO. CA0107417

Dear Mr. Robertus:

There were five monitoring violations of Order R9-2006-0054 during February 2008.


No samples representative of the entire waste stream to the outfall were collected at discharge site M-001F, the South Coast Water District Groundwater Recovery Facility, during February 2008. Results of analyses shown on page twelve are from composite and grab samples of the RO Brine Reject, one component of the facilities discharge.

The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process is March 2008.

The total coliform single sample maximum objective was exceeded at C1 and C2; the 30-day geometric mean objective was exceeded at S0, C1 and C2. The fecal coliform single sample maximum was exceeded at surfzone sites S0, S2, C1 and C2; C1 and C2 also exceeded the 30-day geometric mean objective. The enterococcus daily maximum and 30-day geometric mean objectives were exceeded at S0, S1, S2, S3, S5, S7, S9, S11, S13, S15, S17, S19, S21, C1 and C2; S4 exceeded the enterococcus single sample limit once. There were several days of heavy rainfall during February which increased urban runoff to the monitoring sites. SOCWA's discharge from the outfall is not believed to be the cause of these exceedances.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: February 2008

ANALYZED BY: Sierra Analytical

REPORT DUE: April 01, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash/Product

SAMPLE POINT: M-001F

	Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
Sample Type		24-HC	24-HC	Grab	Grab	Grab
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
Feb-01	0.174					
Feb-02						
Feb-03						
Feb-04	0.174					
Feb-05	0.174					
Feb-06	0.174					
Feb-07	0.174					
Feb-08	0.174					
Feb-09						
Feb-10						
Feb-11						
Feb-12	0.174					
Feb-13	0.174					
Feb-14	0.174					
Feb-15	0.174					
Feb-16						
Feb-17						
Feb-18						
Feb-19	0.174					
Feb-20	0.174					
Feb-21	0.174					
Feb-22	0.174					
Feb-23						
Feb-24						
Feb-25	0.174					
Feb-26	0.174					
Feb-27	0.174	5.00	11.90	ND	6.82	ND
Feb-28	0.174					
Feb-29	0.174					
Monthly Average	0.174	5.00	11.90	0.00	6.82	0.00

Comments: The facility never ran 24-7 the whole month. We are still in start-up operation with all RO Brine, Iron & Manganese filter backwash and some product water being discharged to the SJCOO. The sample shown above is for the RO Brine Reject only composited over 24-hours.



South Orange County Wastewater Authority

April 23, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: MARCH 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There were five monitoring violations and three limit exceedences of Order R9-2006-0054 during March 2008.

Site M-001E, the City of San Juan Capistrano RO Treatment Plant, was offline in March, except for March 10 when the RO train was flushed for twelve minutes to preserve the membranes. Approximately 7,000 gallons was discharged to the outfall, but no samples were collected.


The monthly and weekly average turbidity limits at site M-001F, the South Coast Water District Groundwater Recovery Facility, exceeded permit limits during March 2008. The single total suspended solids result exceeded the monthly average limit.

The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process is late May 2008.

The total coliform single sample maximum objective was exceeded at C; the 30-day geometric mean objective was exceeded at S0, C1 and C2. The fecal coliform single sample maximum was exceeded at surfzone sites C1 and C2; S0, C1 and C2 exceeded the 30-day geometric mean objective. The enterococcus daily maximum and 30-day geometric mean objectives were exceeded at S0, S1, S2, S3, S5, S9, C1 and C2; S17 exceeded the enterococcus single sample limit once and S7 exceeded only the 30-day geometric mean. SOCWAs discharge from the outfall is not believed to be the cause of these exceedences.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: March 2008

ANALYZED BY: Sierra Analytical

REPORT DUE: May 01, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash/Product

SAMPLE POINT: M-001F

		Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
Sample Type			24-HC	24-HC	Grab	Grab	Grab
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L	
Mo. Avg.	Limit	60	75	25	6.0 to 9.0	1.0	
Mar-01	Off Line						
Mar-02	Off Line						
Mar-03	0.221						
Mar-04	0.221						
Mar-05	0.221						
Mar-06	0.221						
Mar-07	0.221						
Mar-08	Off Line						
Mar-09	Off Line						
Mar-10	Off Line						
Mar-11	Off Line						
Mar-12	Off Line						
Mar-13	Off Line						
Mar-14	Off Line						
Mar-15	Off Line						
Mar-16	Off Line						
Mar-17	Off Line						
Mar-18	Off Line						
Mar-19	Off Line						
Mar-20	Off Line						
Mar-21	0.221						
Mar-22	0.221						
Mar-23	0.221						
Mar-24	0.221	85.9	177.1	ND	6.92	0.35	
Mar-25	0.221						
Mar-26	0.221						
Mar-27	0.221						
Mar-28	0.221						
Mar-29	0.221						
Mar-30	0.221						
Mar-31	0.221						
Monthly Avg.	0.221	85.9	177.1	0.00	6.92	0.35	

4/24/2008



South Orange County Wastewater Authority

May 28, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: APRIL 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There was one monitoring violation and six limit exceedences of Order R9-2006-0054 during April 2008.

All settleable solids and turbidity limits were exceeded at site M-001F, the South Coast Water District Groundwater Recovery Facility. Total Suspended Solids was not analyzed due to a miscommunication with the laboratory.

Site M-001E, the City of San Juan Capistrano RO Treatment Plant, was offline all month.


There were no toxic effects observed in the three-species Chronic Toxicity screening performed in April. The Acute Toxicity test species was changed from Fathead minnow to Mysid for April and will continue to be used in future tests.

The anticipated start date for the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process is late May 2008.

All bacterial objectives were exceeded at least once at C1; the fecal coliform single sample maximum was exceeded at surfzone site C2; S0 and S2 exceeded both the single sample maximum and the 30-day geometric mean Enterococcus objective. SOCWAs discharge from the outfall is not believed to be the cause of these exceedances.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

34156 Del Obispo Street • Dana Point, CA 92629 • Phone: (949) 234-5400 • Fax: (949) 489-0130 • Website: www.socwa.com

A public agency created by: CITY OF LAGUNA BEACH • CITY OF SAN CLEMENTE • CITY OF SAN JUAN CAPISTRANO • EL TORO WATER DISTRICT • EMERALD BAY SERVICE DISTRICT
IRVINE RANCH WATER DISTRICT • MOULTON NIGUEL WATER DISTRICT • SANTA MARGARITA WATER DISTRICT • SOUTH COAST WATER DISTRICT • TRABUCO CANYON WATER DISTRICT

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: April 2008

ANALYZED BY: Sierra Analytical

REPORT DUE: June 01, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash/Product

SAMPLE POINT: M-001F

Sample Type	Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
		24-HC	24-HC	Grab	Grab	Grab
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
Apr-01	0.221					
Apr-02	0.221					
Apr-03	0.221					
Apr-04	0.221					
Apr-05	Off Line					
Apr-06	Off Line					
Apr-07	Off Line					
Apr-08	Off Line					
Apr-09	Off Line					
Apr-10	Off Line					
Apr-11	Off Line					
Apr-12	Off Line					
Apr-13	Off Line					
Apr-14	Off Line					
Apr-15	Off Line					
Apr-16	Off Line					
Apr-17	Off Line					
Apr-18	0.221					
Apr-19	0.221					
Apr-20	Off Line					
Apr-21	0.221					
Apr-22	0.221					
Apr-23	0.221					
Apr-24	0.221					
Apr-25	0.221					
Apr-26	0.221					
Apr-27	Off Line					
Apr-28	0.221					
Apr-29	0.221	NA	280.8	ND	7.3	10.4
Apr-30	0.221					
Monthly Avg.	0.221	0.0	280.8	0.00	7.3	10.4

NA - Not analyzed due to miscommunication with the laboratory



South Orange County Wastewater Authority

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

June 27, 2008

2008 JUL -1 A 9:25

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: MAY 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There was one monitoring violation and twelve limit exceedences of Order R9-2006-0054 during May 2008.

At site M-001B, only four cBOD analyses were performed for the week of May 4.

All total suspended solids, settleable solids and turbidity limits were exceeded at site M-001F, the South Coast Water District Groundwater Recovery Facility.

Site M-001E, the City of San Juan Capistrano RO Treatment Plant was offline all month.

The anticipated start date for M-001G, the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process, is the beginning of July 2008.

The three-species Chronic Toxicity screening performed March through May 2008 concluded with no toxic effects observed in any of the nine tests. Kelp was determined to be the most sensitive species in previous screenings and will continue to be monitored monthly, along with the Acute Mysid test.

All bacterial objectives were exceeded at least once at C1 and C2. S1, S2 and S4 all exceeded the Enterococcus single sample maximum once; S0 exceeded both the single sample maximum and 30-day geometric mean Enterococcus objective. S15 exceeded all single sample maximum bacterial objectives at least once, as well as the 30-day geometric mean for Enterococcus. SOCWA's discharge from the outfall is not believed to be the cause of these exceedences.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Thomas R. Rosales
General Manager

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: May 2008

ANALYZED BY: Sierra Analytical

REPORT DUE: July 01, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash/Product

SAMPLE POINT: M-001F

	Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
Sample Type		24-HC	24-HC	Grab	Grab	Grab
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
May-01	0.244					
May-02	0.244					
May-03	0.244	96	249	1.8	7.0	0.2
May-04	0.244					
May-05	0.244					
May-06	0.244					
May-07	0.244					
May-08	0.244					
May-09	0.244					
May-10	0.244					
May-11	0.244					
May-12	0.244					
May-13	0.244					
May-14	0.244					
May-15	0.244					
May-16	0.244	161	372	2.4	6.8	1.6
May-17	0.244					
May-18	0.244					
May-19	0.244					
May-20	0.244					
May-21	0.244					
May-22	0.244					
May-23	0.244					
May-24	0.244					
May-25	0.244					
May-26	0.244					
May-27	0.244					
May-28	0.244					
May-29	0.244	138	330	1.9	7.1	11.7
May-30	0.244					
May-31	0.244					
Monthly Avg.	0.221	132	317	2.0	7.0	4.5

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South Orange County Wastewater Authority

July 24, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: JUNE 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There were three monitoring violations and four limit exceedences of Order R9-2006-0054 during June 2008.

For the week of June 15, cBOD was not analyzed at M-INFB and only four cBOD analyses were performed at M-001B. The analyses for the June 17th samples were run without the addition of nitrification inhibitor.

Chlorine was accidentally discharged to the outfall from the Chiquita Water Reclamation Plant on June 20, but no sample was collected at M-001B. A letter explaining the discharge is included with this report.

One sample collected at M-001F, the South Coast Water District Groundwater Recovery Facility, exceeded the suspended solids and all three turbidity limits for that discharge.


Site M-001E, the City of San Juan Capistrano RO Treatment Plant was offline all month.

The anticipated start date for M-001G, the City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process, is the end of July or early August 2008.

All bacterial objectives were exceeded at least once at C1 and C2. The single sample maximum fecal coliform objective was exceeded once at S15. The single sample Enterococcus objective was exceeded at least once at S0, S1, S2, S3, and S15; S0 exceeded both the single sample maximum and 30-day geometric mean Enterococcus objective. SOCWA's discharge from the outfall is not believed to be the cause of these exceedances.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

2008 JUL 29 P 1:59

NPDES No. CA0107417

SAMPLED BY: ECO Resources

ANALYZED BY: Sierra Analytical

ANALYZED BY: Sierra Analytical

SAMPLE POINT: M-001F

Comments:

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South Orange County Wastewater Authority

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

2008 AUG 29 P 1:53

August 26, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: JULY 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There were seven limit exceedences of Order R9-2006-0054 during July 2008. One composite sample collected at M-001F, the South Coast Water District Groundwater Recovery Facility, exceeded the suspended solids and all three turbidity limits for that discharge. A grab sample exceeded all three Settleable Solids limits.


The City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process was tested briefly on August 4. Modifications to the process will be made before further testing.

All bacterial objectives were exceeded at least once at C1. Site C2 exceeded the 30-day geometric mean total coliform and both enterococcus objectives. The daily maximum fecal coliform objective was exceeded at S0, S5, S15, and S21. At least one enterococcus objective was exceeded at S0, S11, S15, and S21. SOCWAs discharge from the outfall is not believed to be the cause of these exceedances.

Section V.A. calls for calculation of a 30-day geometric mean using the five most recent samples from each surfzone monitoring site. Because Order R9-2006-0055 requires more frequent monitoring of the surfzone, all values for the month, for each site, were used to calculate the 30-day mean.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

MRP R9-2006-0054 MONTHLY MONITORING REPORT

Page 12 of 33

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: July, 2008

ANALYZED BY: Sierra Analytical

REPORT DUE: Aug 01, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash

SAMPLE POINT: M-001F

Sample Type	Flow	Suspended	Turbidity	Oil & Grease	pH	Settleable
		Solids				Solids
		24-HC				24-HC
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
07/01/08	0.24					
07/02/08	0.24					
07/03/08	0.24					
07/04/08	0.24					
07/05/08	0.24					
07/06/08	0.24					
07/07/08	0.24					
07/08/08	0.24					
07/09/08	0.24					
07/10/08	0.21					
07/11/08	0.24					
07/12/08	0.24					
07/13/08	0.06					
07/14/08						
07/15/08	0.19					
07/16/08	0.24					
07/17/08	0.24					
07/18/08	0.24					
07/19/08	0.24					
07/20/08	0.24					
07/21/08	0.24					
07/22/08	0.13					
07/23/08	0.12					
07/24/08	0.24					
07/25/08	0.24					
07/26/08	0.24					
07/27/08	0.24					
07/28/08	0.24					
07/29/08	0.24					
07/30/08	0.24					
07/31/08	0.24	131	314	2.7	6.9	4.9
Monthly Average	0.22	131	314	2.7	6.9	4.9

Comments:





South Orange County Wastewater Authority

September 26, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: AUGUST 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There was one reporting omission and seven limit exceedences of Order R9-2006-0054 during August 2008.

At site M-001B, only four TSS analyses were reported for the week of August 17.

One composite sample collected at M-001F exceeded the suspended solids and all three turbidity limits for that discharge. A grab sample exceeded all three Settleable Solids limits.

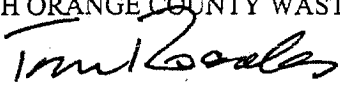
The City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process was tested briefly on August 4, but no flow was sent to the outfall. Modifications to the process will be made before further testing.

All bacterial objectives were exceeded at least once at C1. Site S1 exceeded the daily Fecal Coliform and Enterococcus objectives. The daily Enterococcus limit was exceeded once at S3, S5, and S13; S15 exceeded both daily and 30-day objectives. C2 exceeded all enterococcus objectives. SOCWAs discharge from the outfall is not believed to be the cause of these exceedences.

Section V.A. calls for calculation of a 30-day geometric mean using the five most recent samples from each surfzone monitoring site. Because Order R9-2006-0055 requires more frequent monitoring of the surfzone, all values for the month, for each site, were used to calculate the 30-day geometric mean.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: August, 2008

ANALYZED BY: Sierra Analytical

REPORT DUE: Sep 01, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash

SAMPLE POINT: M-001F

Sample Type	Flow	Suspended	Turbidity	Oil & Grease	pH	Settleable
		Solids				Solids
		24-HC	24-HC	Grab	Grab	Grab
Method	Meter	EPA 160.2	EPA 180.1	EPA 413.1	EPA 150.1	EPA 160.5
Units	MGD	mg/L	NTU	mg/L	Standard Units	ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
08/01/08	0.24					
08/02/08	0.24					
08/03/08	0.24					
08/04/08	0.23					
08/05/08	0.12					
08/06/08	0.21					
08/07/08	0.24					
08/08/08	0.24					
08/09/08	0.24					
08/10/08	0.24					
08/11/08	0.24					
08/12/08	0.24					
08/13/08	0.24					
08/14/08	0.24					
08/15/08	0.24					
08/16/08	0.21					
08/17/08	0.24					
08/18/08	0.24					
08/19/08	0.24					
08/20/08	0.24					
08/21/08	0.21					
08/22/08	0.24			4.5	6.9	7.5
08/23/08	0.24					
08/24/08	0.24					
08/25/08	0.24					
08/26/08	0.24					
08/27/08	0.24	130	348			
08/28/08	0.24					
08/29/08	0.24					
08/30/08	0.24					
08/31/08	0.24					
Monthly Average	0.23	130	348	4.5	6.9	7.5

Comments:

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South Orange County Wastewater Authority

October 22, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: SEPTEMBER 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054, NPDES NO. CA0107417

Dear Mr. Robertus:

There were five limit exceedences of Order R9-2006-0054 during September 2008. One composite sample collected at M-001F exceeded the suspended solids and all three turbidity limits for that discharge. A grab sample exceeded the monthly average Settleable Solids limit.

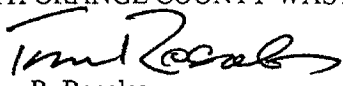
The City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process did not operate during September; no discharge is anticipated for October 2008.

The single sample maximum total coliform limit was exceeded at S9. The single sample maximum fecal coliform limit was exceeded at sites S1, S9, S15, and S19. The single sample maximum Enterococcus limit was exceeded at S0, S2, S3, S5, S7, S9, S11, S13, S15, S19, and S21; the 30-day geometric mean Enterococcus objective was also exceeded at S0, S2, S3, S5, S7, S9, S11, S13, S15, S19 and S21. C1 and C2 exceeded all bacterial objectives. SOCWAs discharge from the outfall is not believed to be the cause of these exceedences.

Section V.A. calls for calculation of a 30-day geometric mean using the five most recent samples from each surfzone monitoring site. Because Order R9-2006-0054 requires more frequent monitoring of the surfzone, all values for the month, for each site, were used to calculate the 30-day geometric mean.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

MRP R9-2006-0054 MONTHLY MONITORING REPORT

Page 12 of 34

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: September, 2008

ANALYZED BY: Sierra Analytical

REPORT DUE: November 01, 2008

SAMPLE SOURCE: SCWD GRF Brine/Backwash

SAMPLE POINT: M-001F

Sample Type	Flow	Suspended	Turbidity	Oil & Grease	pH	Settleable
		Solids				Solids
		24-HC				Grab
Method	Meter	EPA 160.2	EPA 180.1	EPA 413.1	EPA 150.1	EPA 160.5
Units	MGD	mg/L	NTU	mg/L	Standard Units	ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
09/01/08	0.24					
09/02/08	0.24					
09/03/08	0.23					
09/04/08	0.24					
09/05/08	0.24					
09/06/08	0.24					
09/07/08	0.24					
09/08/08	0.20					
09/09/08	0.18					
09/10/08	0.22					
09/11/08	0.22					
09/12/08	0.22					
09/13/08	0.22					
09/14/08	0.22					
09/15/08	0.22					
09/16/08	0.22					
09/17/08	0.22					
09/18/08	0.22					
09/19/08	0.22					
09/20/08	0.22					
09/21/08	0.22					
09/22/08	0.22					
09/23/08	0.22					
09/24/08	0.22					
09/25/08	0.22					
09/26/08	0.22					
09/27/08	0.22					
09/28/08	0.22					
09/29/08	0.22					
09/30/08	0.22	232	480	1.6	7.0	1.3
Monthly Average	0.22	232	480	1.6	7.0	1.3

Comments:





South Orange County Wastewater Authority

November 19, 2008

John H. Robertus
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA. 92123

SUBJECT: OCTOBER 2008 SUMMARY OF MONITORING OF ORDER NO. R9-2006-0054,
NPDES NO. CA0107417

Dear Mr. Robertus:

There was one monitoring omission and seven limit exceedences of Order R9-2006-0054 during October 2008.

One composite sample collected at M-001F exceeded the suspended solids and all three turbidity limits for that discharge. A grab sample exceeded all three Settleable Solids limits.

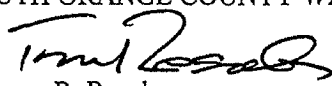
For the week of October 19, only four cBOD analyses were reported for M-001B. The analyses for the October 24 sample was run without the addition of nitrification inhibitor.

The City of San Clemente Segunda Deshecha Flood Control Channel runoff treatment process did not operate during October; no discharge is anticipated for November 2008.

Surfzone sites S15 and S17 exceeded the single sample maximum objectives for both fecal coliform and Enterococcus. The single sample maximum Enterococcus objective was exceeded at sites S3, S5, and S9; S13 exceeded the 30-day geometric mean objective. All bacterial objectives were exceeded at C1. Site C2 was dry the entire month of October. SOCWA's discharge from the outfall is not believed to be the cause of these exceedences.

Sincerely,

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY


Thomas R. Rosales
General Manager

NPDES No. CA0107417

SAMPLED BY: ECO Resources

ANALYZED BY: Sierra Analytical

ANALYZED BY: Sierra Analytical

SAMPLE POINT: M-001F

	Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
Sample Type		24-HC	24-HC	Grab	Grab	Grab
Method Units	Meter MGD	EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
10/01/08	0.22					
10/02/08	0.22					
10/03/08	0.22					
10/04/08	0.22					
10/05/08	0.22					
10/06/08	0.22					
10/07/08	0.22					
10/08/08	0.22					
10/09/08	0.22					
10/10/08	0.22					
10/11/08	0.22					
10/12/08	0.22					
10/13/08	0.22					
10/14/08	0.22					
10/15/08	0.22	211	422	3.2	7.3	9.7
10/16/08	0.22					
10/17/08	0.22					
10/18/08	0.22					
10/19/08	0.22					
10/20/08	No Flow					
10/21/08	No Flow					
10/22/08	No Flow					
10/23/08	No Flow					
10/24/08	No Flow					
10/25/08	No Flow					
10/26/08	No Flow					
10/27/08	No Flow					
10/28/08	No Flow					
10/29/08	No Flow					
10/30/08	No Flow					
10/31/08	No Flow					
Monthly Average	0.22	211	422	3.2	7.3	9.7

Comments:

CONFIDENTIAL



~~SECRET~~

South Orange County Wastewater Authority

NPDES No. CA0107417

DISCHARGE: San Juan Creek Ocean Outfall

SAMPLED BY: ECO Resources

REPORT FOR: November, 2008

ANALYZED BY: Sierra Analytical

REPORT DUE: January, 2009

SAMPLE SOURCE: SCWD GRF Brine/Backwash

SAMPLE POINT: M-001F

Sample Type	Flow	Suspended Solids	Turbidity	Oil & Grease	pH	Settleable Solids
		24-HC	24-HC	Grab	Grab	Grab
		EPA 160.2 mg/L	EPA 180.1 NTU	EPA 413.1 mg/L	EPA 150.1 Standard Units	EPA 160.5 ml/L
Mo. Avg. Limit		60	75	25	6.0 to 9.0	1.0
11/01/08	No Flow					
11/02/08	No Flow					
11/03/08	No Flow					
11/04/08	0.31					
11/05/08	0.38					
11/06/08	0.49					
11/07/08	0.66					
11/08/08	No Flow					
11/09/08	No Flow					
11/10/08	No Flow					
11/11/08	0.12					
11/12/08	0.21					
11/13/08	0.24					
11/14/08	0.28	6	8	<2.0	6.9	<0.1
11/15/08	No Flow					
11/16/08	No Flow					
11/17/08	0.26					
11/18/08	0.26					
11/19/08	0.26					
11/20/08	0.26					
11/21/08	0.26					
11/22/08	0.04					
11/23/08	0.04					
11/24/08	0.54					
11/25/08	0.34					
11/26/08	0.08					
11/27/08	0.08					
11/28/08	0.08					
11/29/08	0.08					
11/30/08	0.08					
Monthly Average	0.18	6	8	2.0	6.9	0.1

Comments: Plant not operating in November due to rehabilitation of the well. All flow was raw well water.

**WAIVER OF 90-DAY HEARING REQUIREMENT FOR
ADMINISTRATIVE CIVIL LIABILITY COMPLAINT**

By signing this waiver, I affirm and acknowledge the following:

1. I am duly authorized to represent North County Transit District (hereinafter "Discharger") in connection with Administrative Civil Liability Complaint No. R9-2009-0028 (hereinafter the "Complaint");
2. I am informed that California Water Code section 13323, subdivision (b), states that, "a hearing before the regional board shall be conducted within ninety (90) days after the party has been served" with the Complaint;
3. I hereby waive any right the Discharger may have to a hearing before the California Regional Water Quality Control Board, San Diego Region (Regional Board) within ninety (90) days of service of the Complaint; and
4. ☐ **(Check here if the Discharger will waive the hearing requirement and will pay the fine)**
 - a. I certify that the Discharger will remit payment for the civil liability imposed in the amount of fifteen thousand dollars (\$204,000) by check, which contains a reference to "ACL Complaint No. R9-2009-0028" and is made payable to the "State Water Resources Control Board Cleanup and Abatement Account" Payment must be received by the Regional Board by March 27, 2009, unless this waiver is accompanied by a written explanation as to when payment is likely to be received.
 - b. I understand the payment of the above amount constitutes a settlement of the Complaint for all known violations as of the date of this waiver, and that any settlement will not become final until after the thirty (30) day public notice and comment period mandated by federal regulations (40 CFR 123.27) expires. Should the Regional Board receive new information or comments during this comment period, the Regional Board's Assistant Executive Officer may withdraw the complaint, return payment, and issue a new complaint. New information or comments include those submitted by personnel of the Regional Board who are not associated with the enforcement team's issuance of the Complaint.
 - c. I understand that payment of the above amount is not a substitute for compliance with applicable laws and that continuing violations of the type alleged in the Complaint may subject the Discharger to further enforcement, including additional civil liability.

-or-

5. ☐ **(Check here if the Discharger will waive the ninety (90) day hearing requirement, but will not pay at the current time)** I certify that the Discharger will promptly engage the Regional Board staff in discussions to resolve the outstanding violation(s). By checking this box, the Discharger is not waiving its right to a hearing on this matter. I understand that this waiver is a request to delay the hearing so the Discharger and Regional Board staff can discuss settlement. It does not constitute the Regional Water Board's agreement to delay the hearing. A hearing on the matter may be held before the Regional Board if these discussions do not resolve the liability proposed in the Complaint. The Discharger agrees that this hearing may be held after the ninety (90) day period referenced in Water Code section 13323 has elapsed.
6. If a hearing on this matter is held, the Regional Board will consider whether to issue, reject, or modify the proposed Administrative Civil Liability Order, or whether to refer the matter to the Attorney General for recovery of judicial civil liability.

(Print Name and Title)

(Signature)

(Date)

